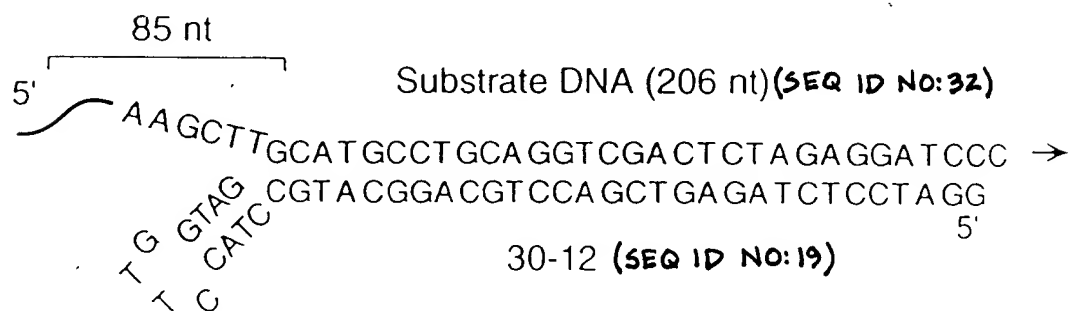
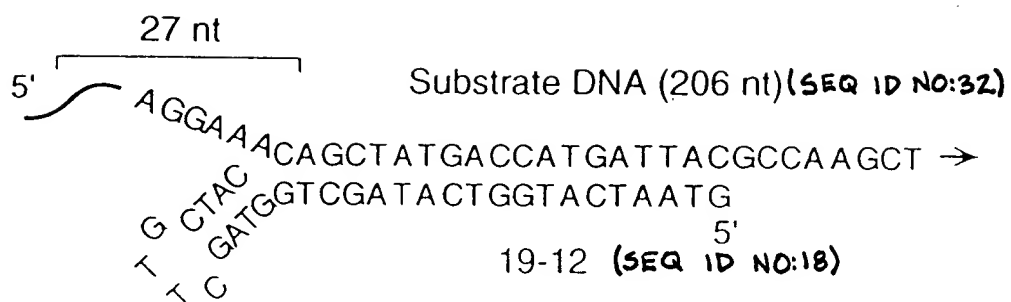


FIG. 6

FIG. 12A



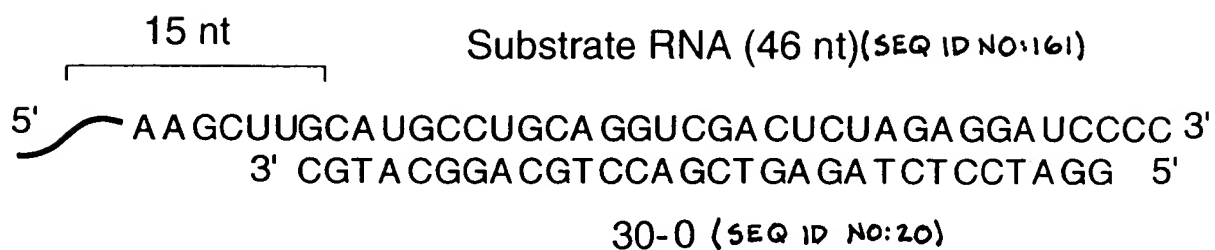


FIG. 13A

(seq ID no:162)

-35

-10

RBS

TTGACAAATTAATCATCGGCTCGTATATATGTGTGGAATTGTGAGCGGATAACAATTCACACAGGAACACAGCG

MetAsnSer...

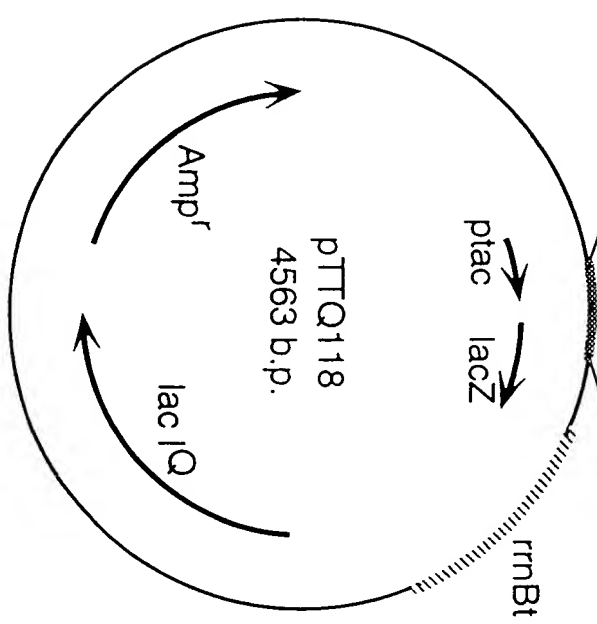
ATGAATTGAGCTCGGTACCCGGGATCCTCTAGAGTCGACCTGCAGCGCATGCAAGCTTGGCACTGGCC

EcoRI _____ KpnI _____ BamHI _____ SalI _____ SphI _____

SstI _____ SmaI _____ XbaI _____ PstI _____ HindIII _____

FIG. 14B

FIG. 14A



RBS: Ribosome binding site lacZ: Beta-galactosidase alpha fragment
ptac: Synthetic tac promoter rrnBt: E. coli rrnB transcription terminator
lacIQ: Lac repressor gene

FIG. 14C

(SEQ ID NO: 163)

AGATCTCGATCCCGCGGAATTAAATACGACTCAGTATAGGGAGAGACCACACAGGTTTCCCTCTAGAAATATTTGTTT
Bgl II T7 Promoter XbaI

AACTTTAAGAGAGATATACATATGCTAGCATGACTGGTGACAGCAATGGGTCGGATCCGGCT
RBS MetAlaSer... NdeI BamHI

FIG. 15B

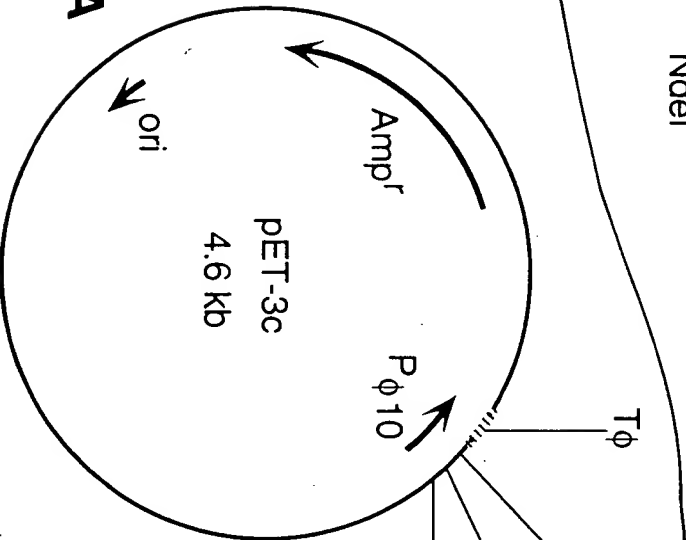


FIG. 15A

P_{φ10}: Bacteriophage T7 ϕ 10 promoter
T ϕ : T7 ϕ Terminator
RBS: Ribosome binding site

FIG. 15C

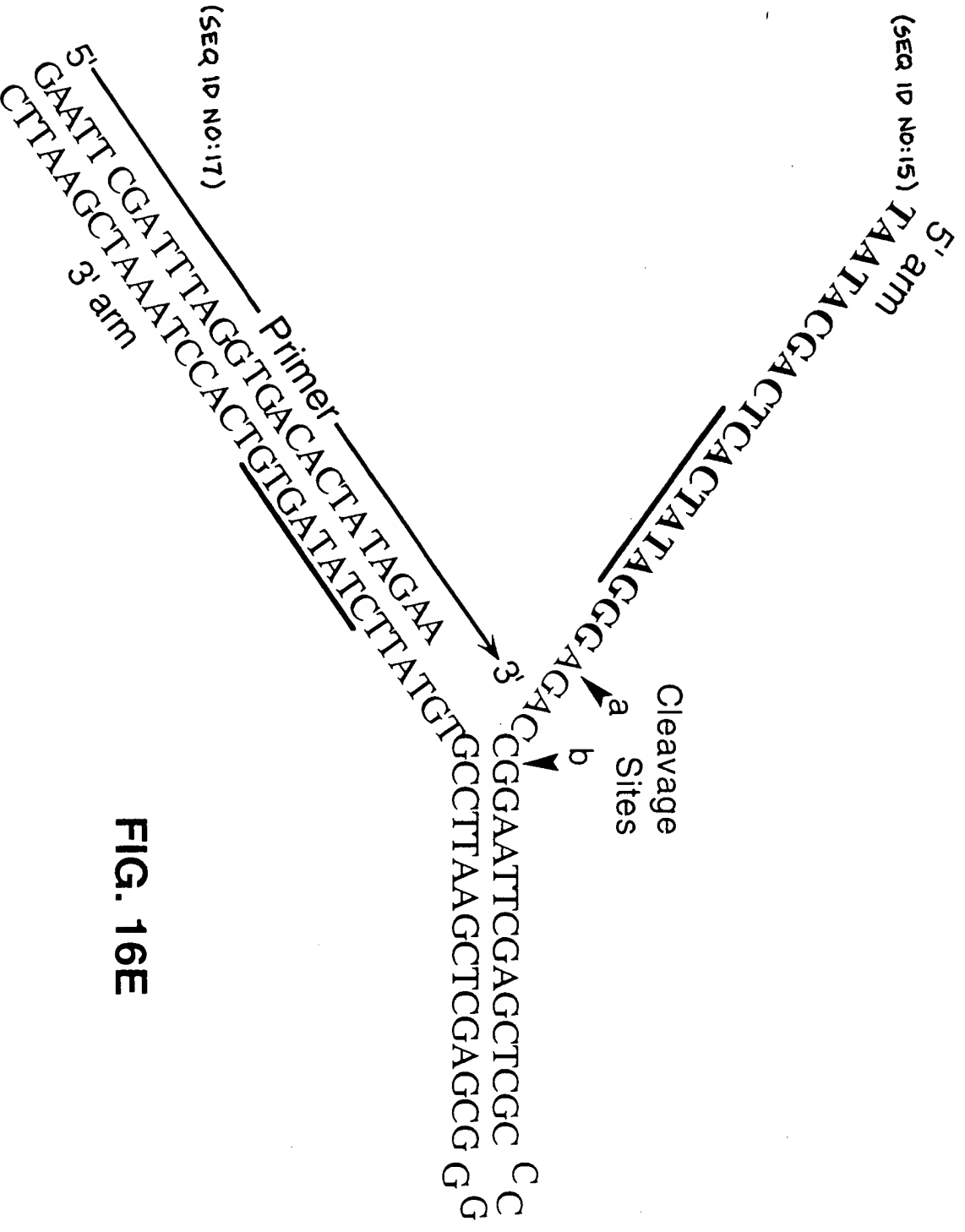


FIG. 16E

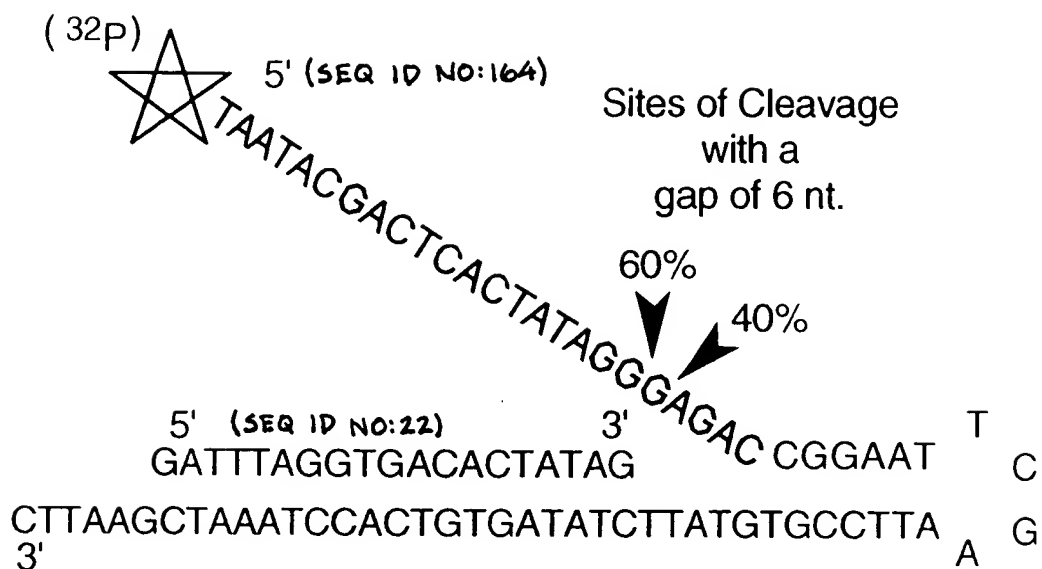


FIG. 19A

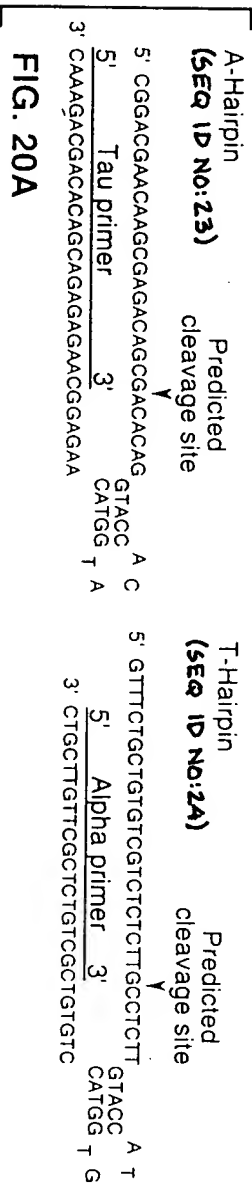


FIG. 20A

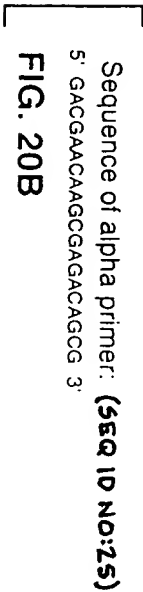


FIG. 20B

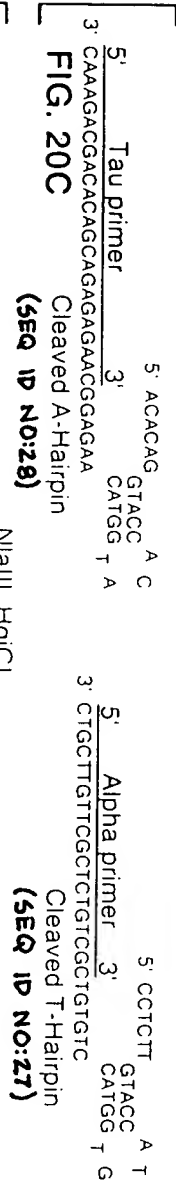


FIG. 20C

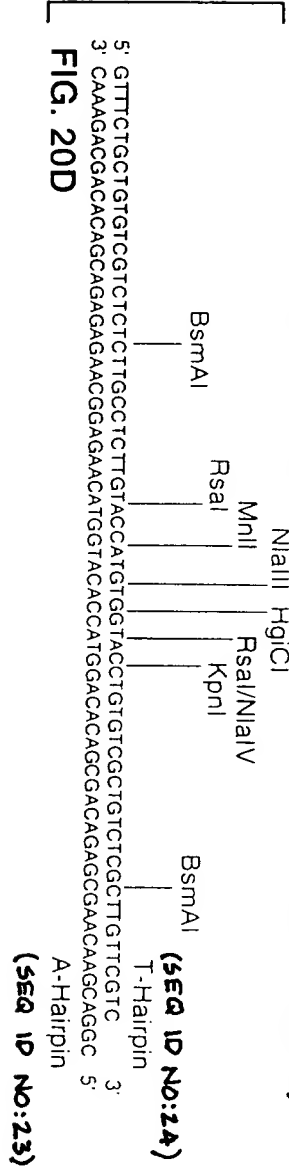


FIG. 20D

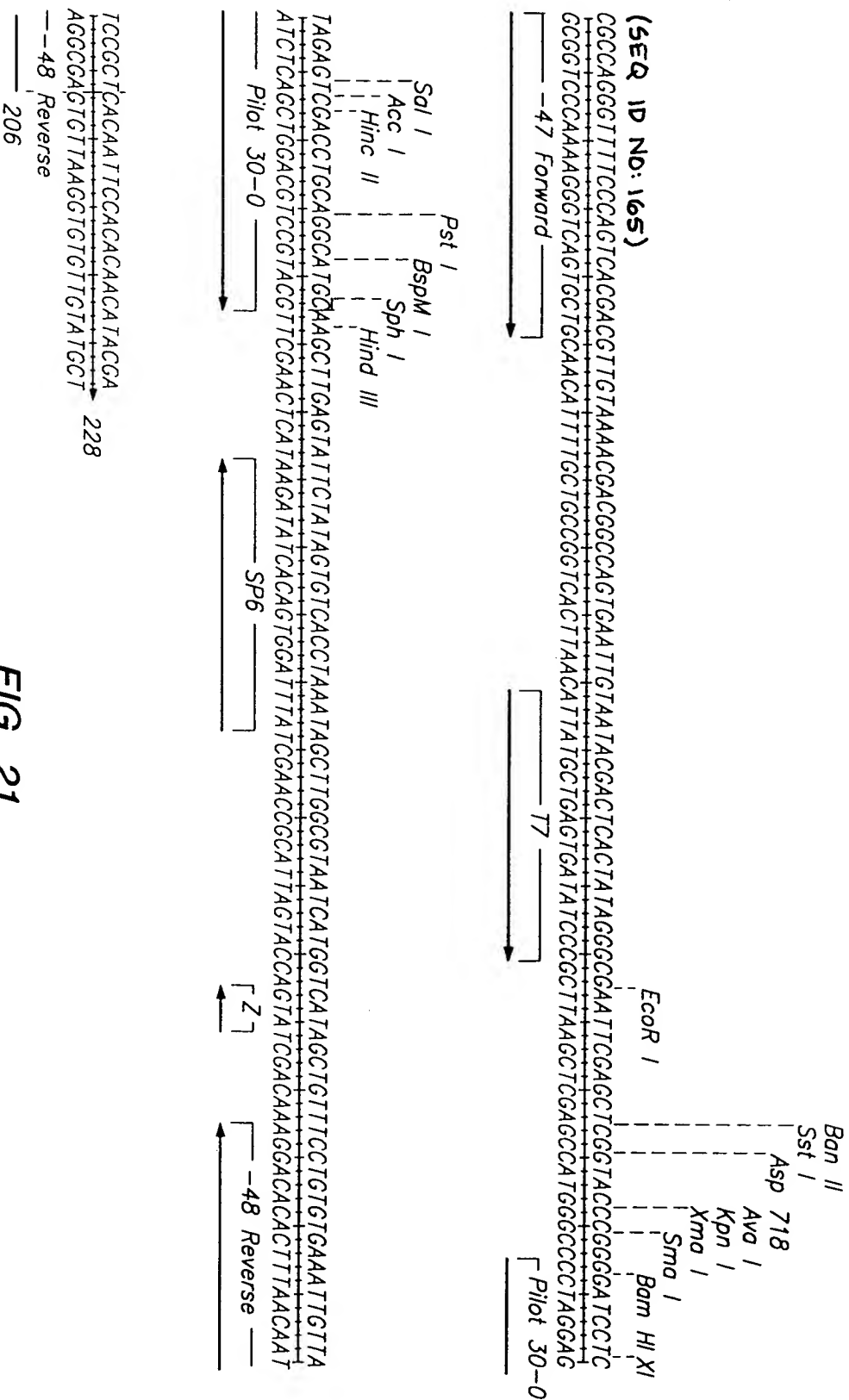


FIG. 21

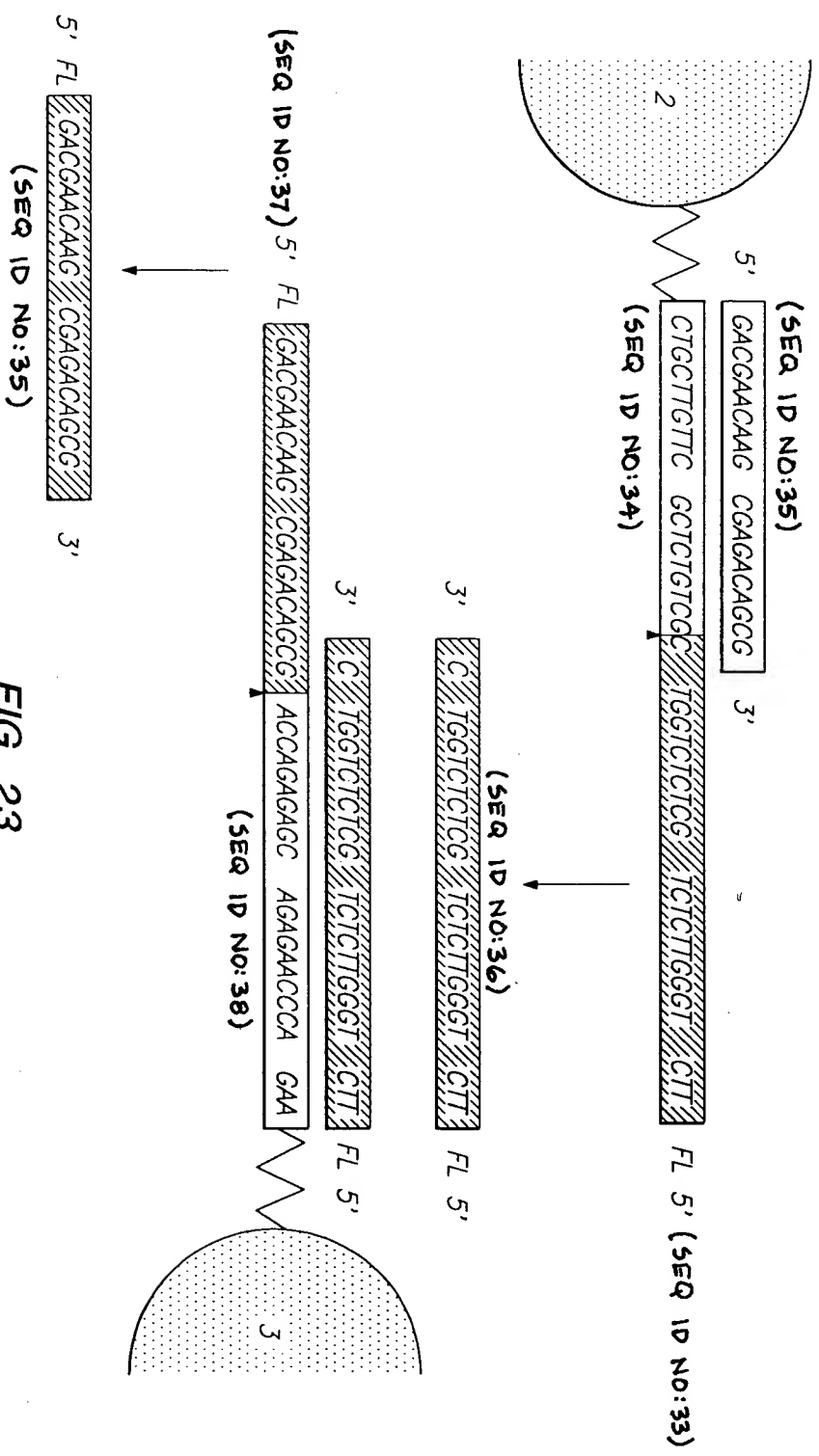


FIG. 23

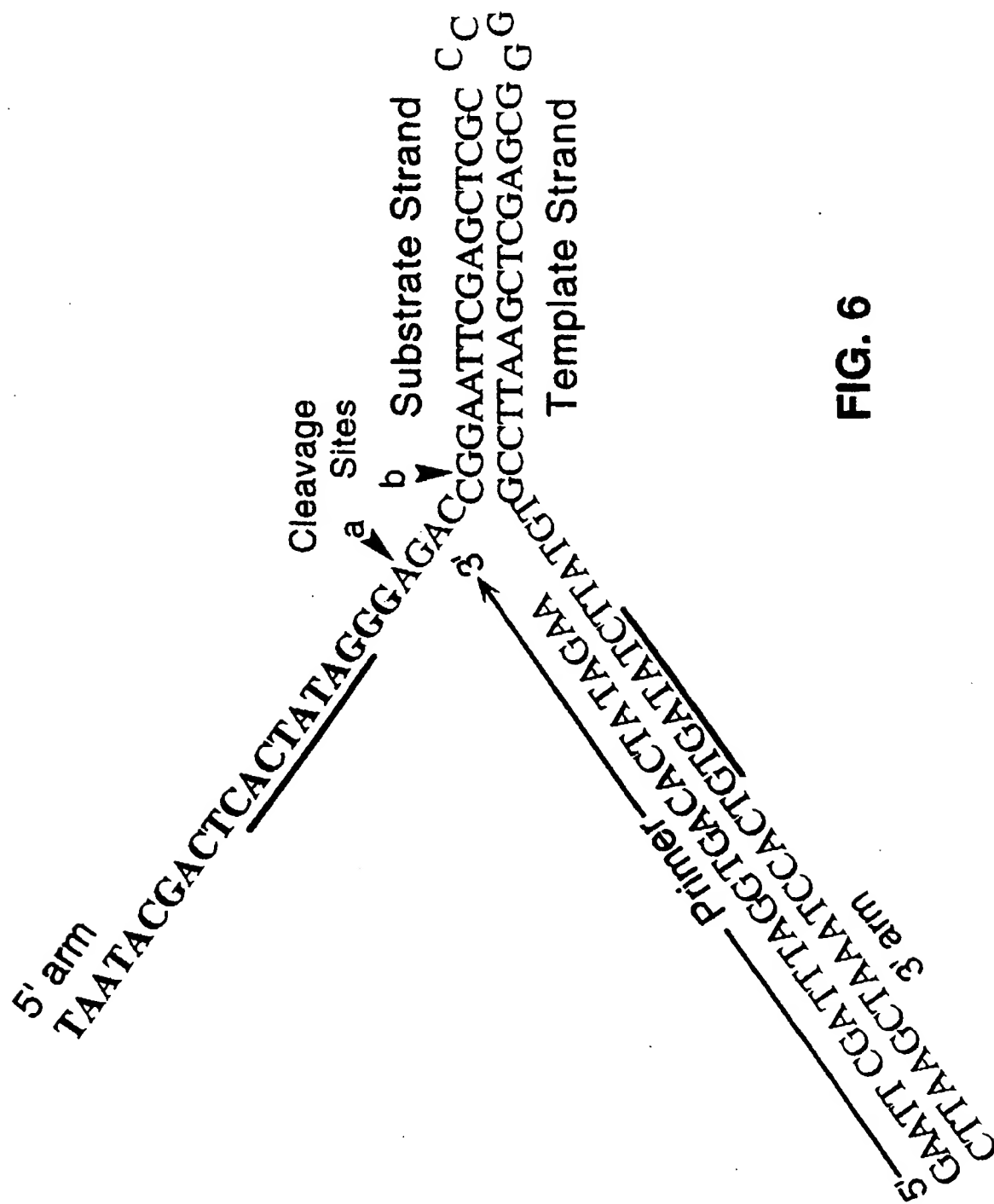
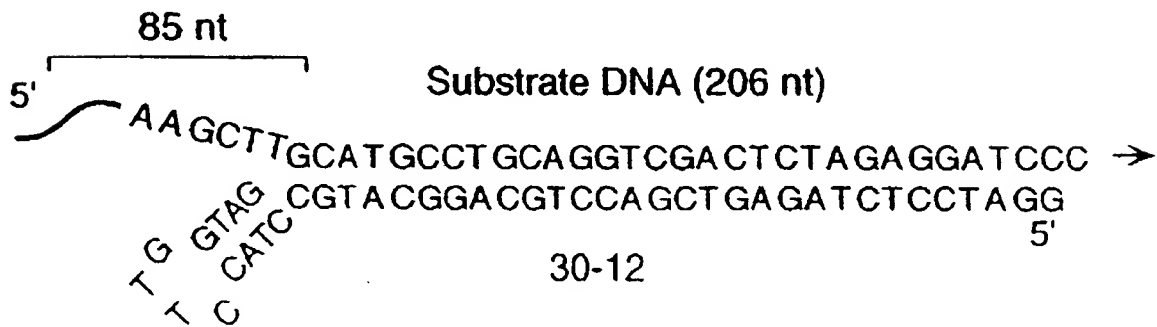
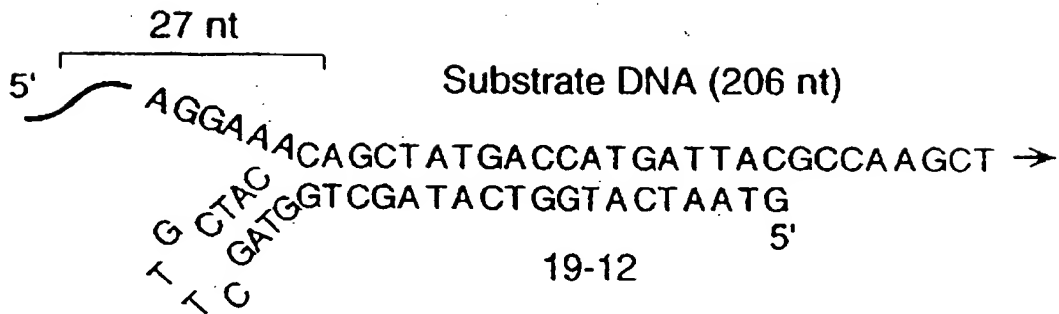
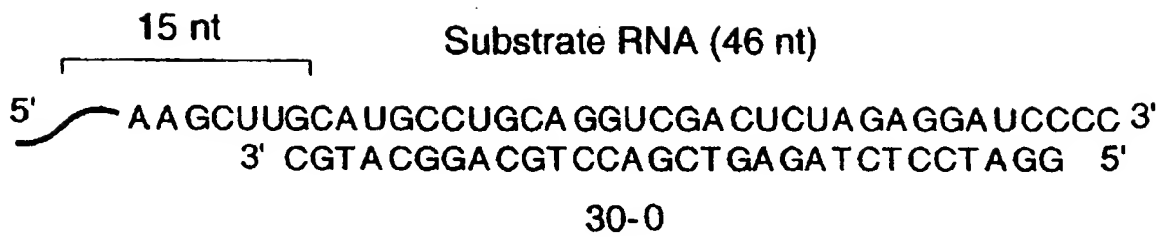


FIG. 6

FIG. 12A



**FIG. 13A**

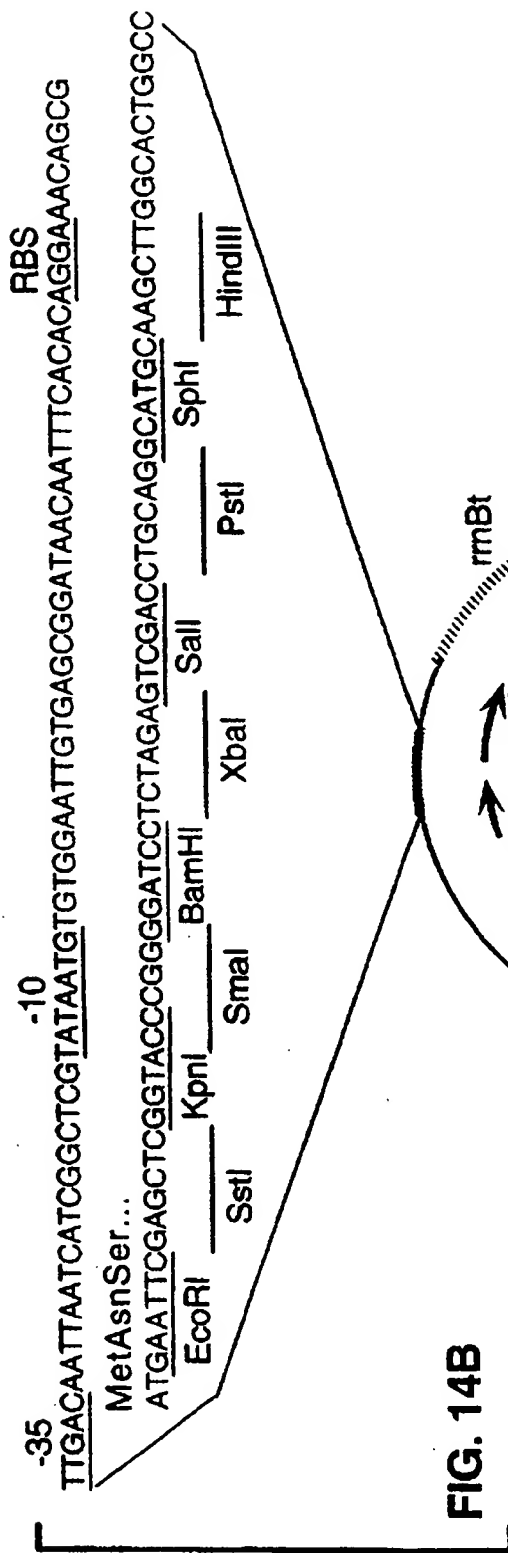
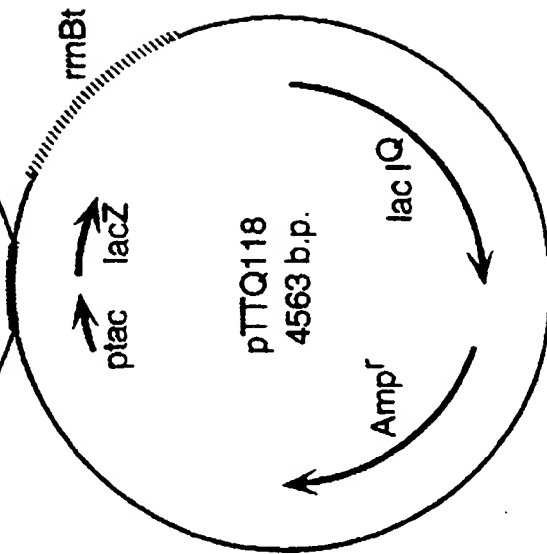
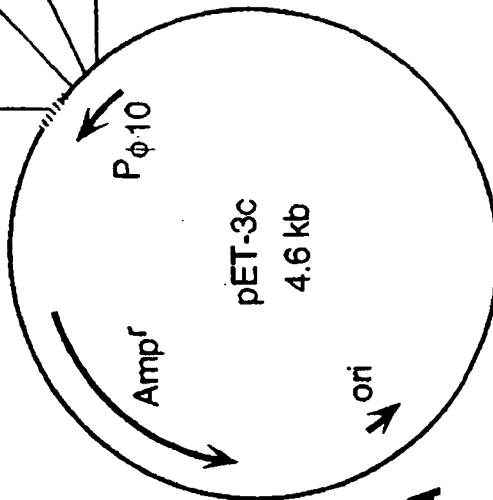
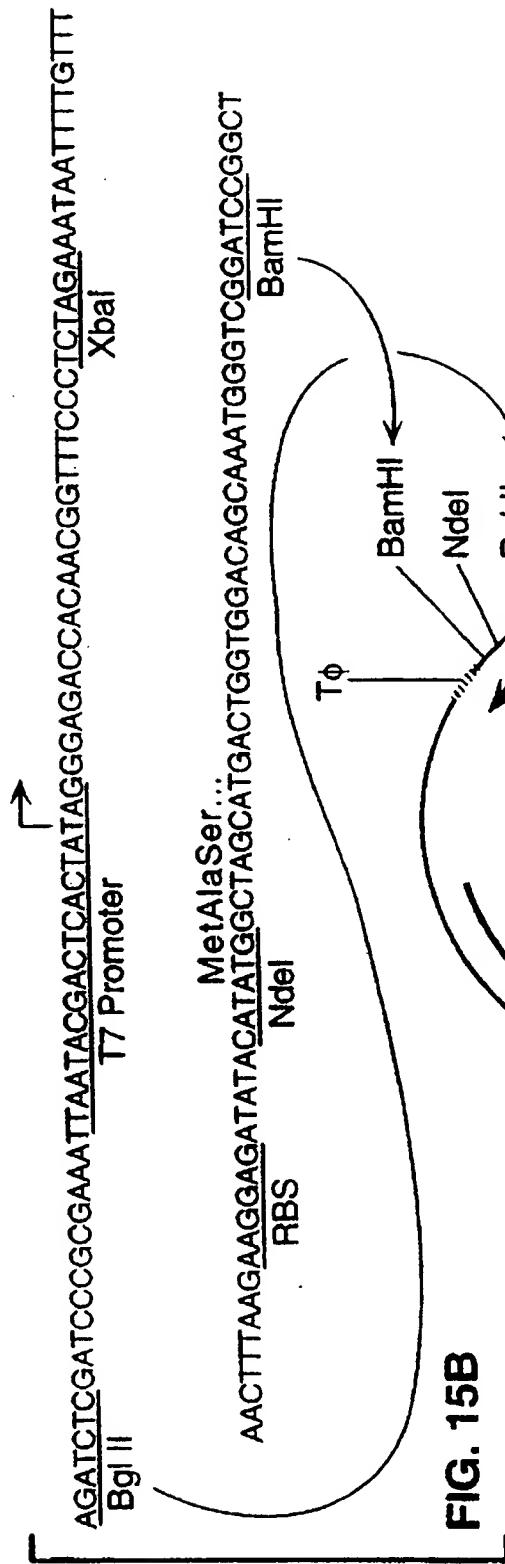


FIG. 14A



RBS: Ribosome binding site
ptac: Synthetic tac promoter
lac IQ: Lac repressor gene
lacZ: Beta-galactosidase alpha fragment
rmBt: E. coli rmB transcription terminator

FIG. 14C



P ϕ 10: Bacteriophage T7 ϕ 10 promoter
 T ϕ : T7 ϕ Terminator
 RBS: Ribosome binding site

FIG. 15C

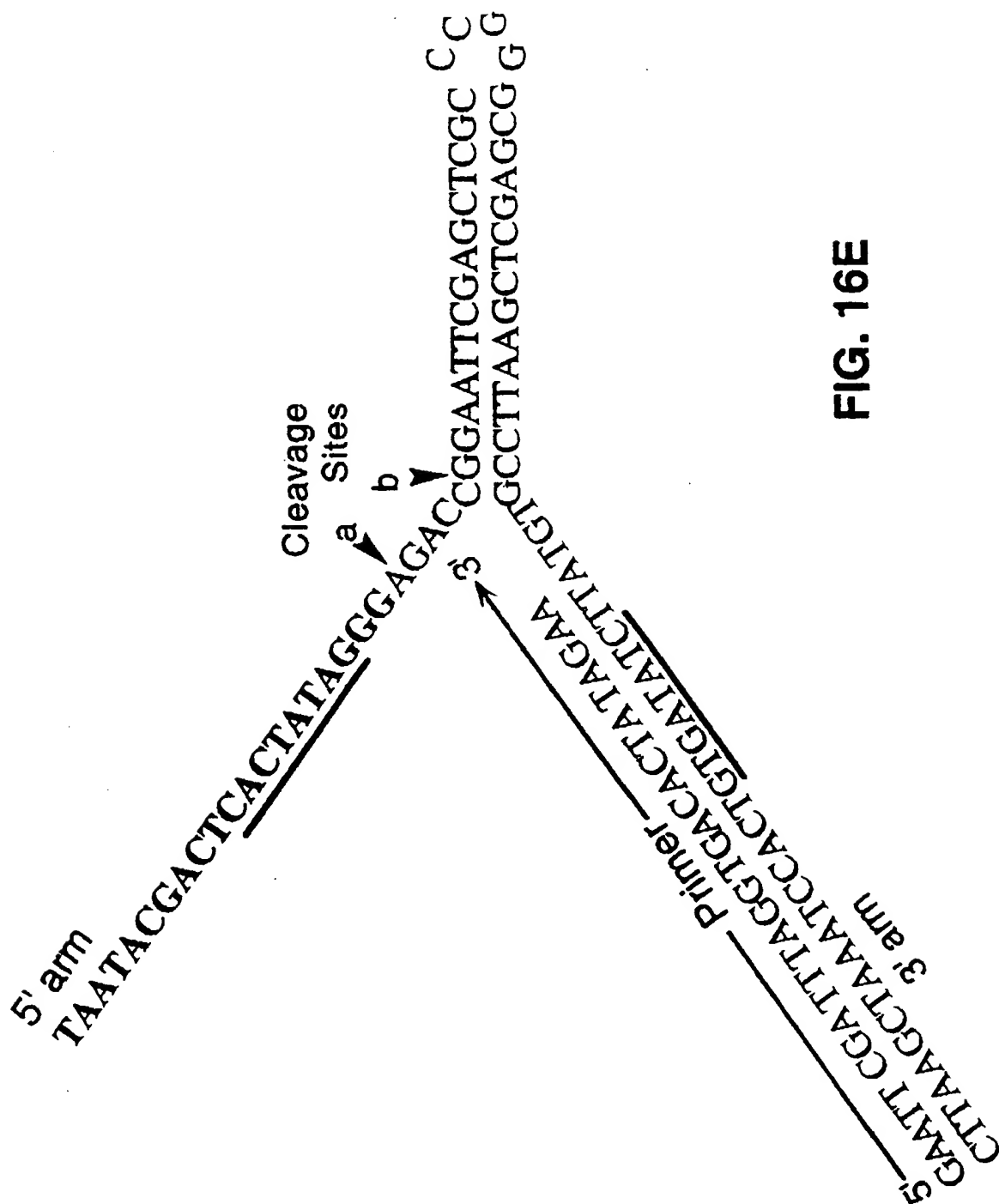


FIG. 16E

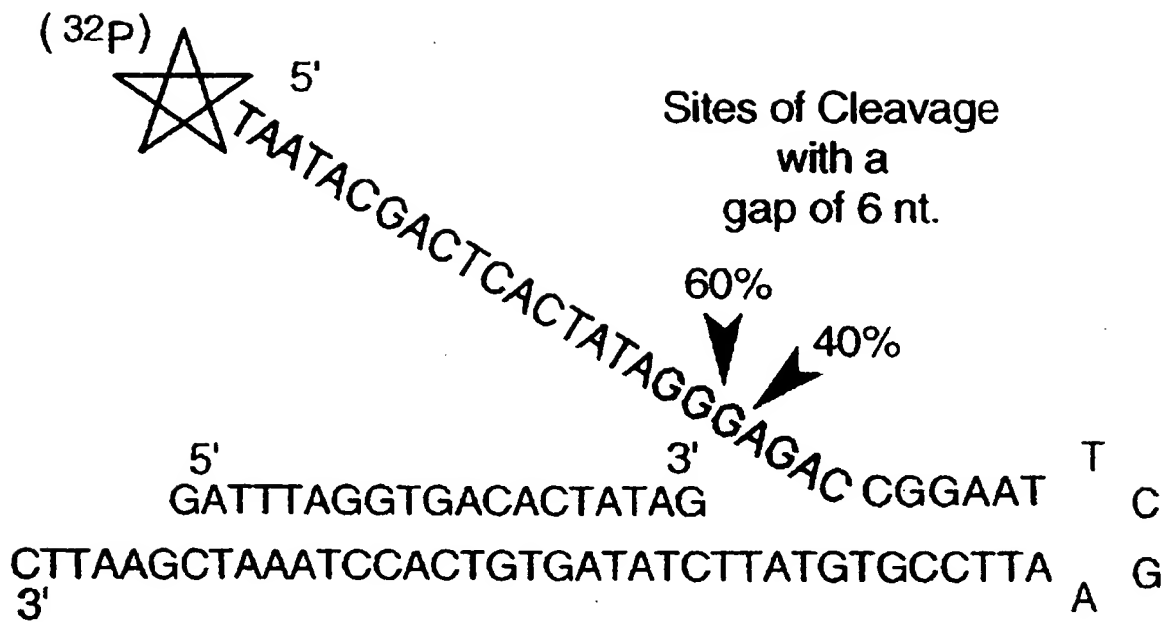
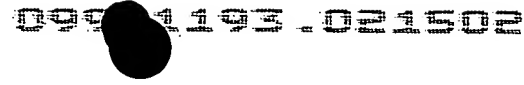


FIG. 19A



Sequence of alpha primer:
5' GACGAACAAGCGAGACAGCG 3'

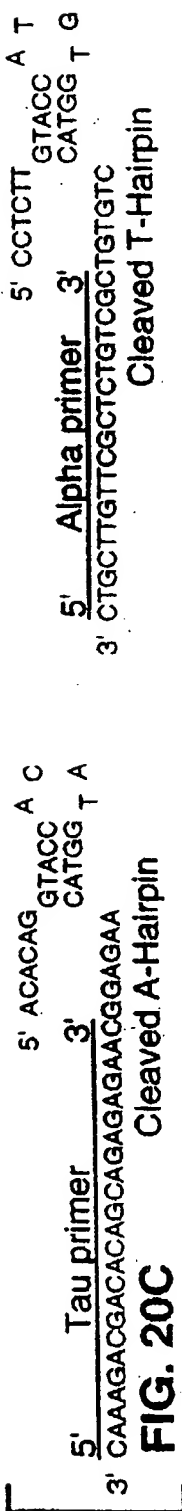
[illegible]

FIG. 20D

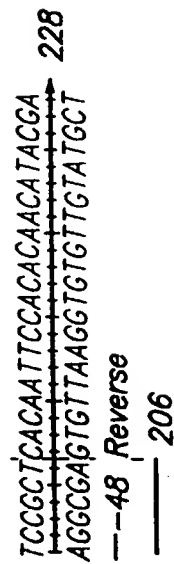
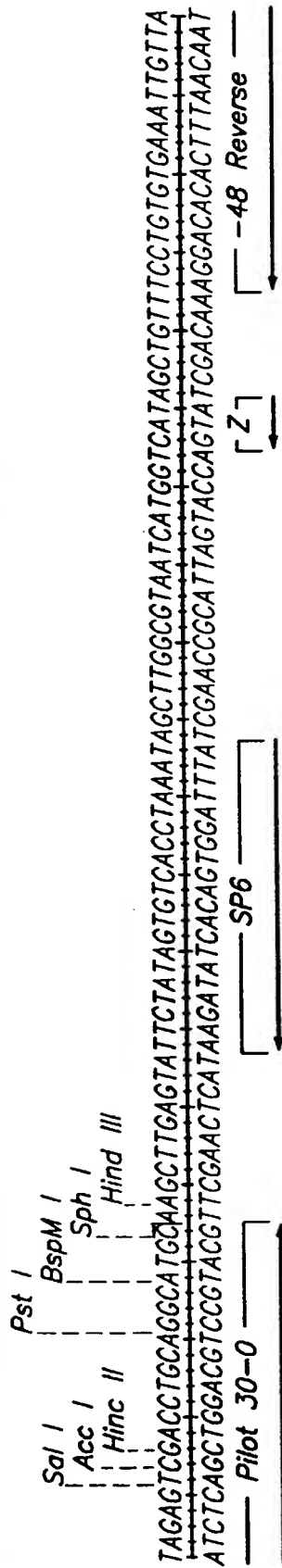
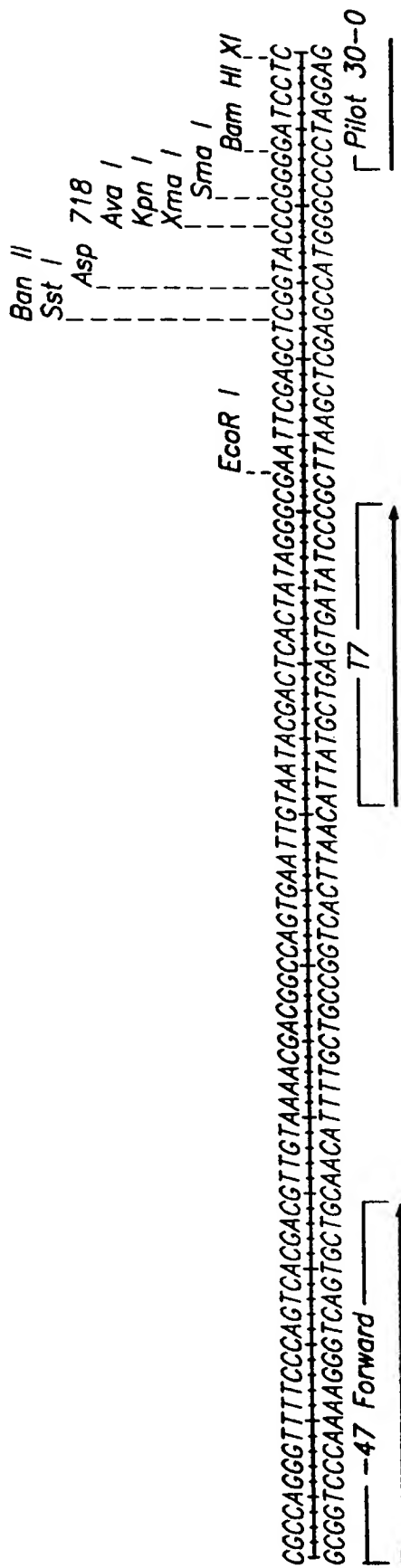


FIG. 21

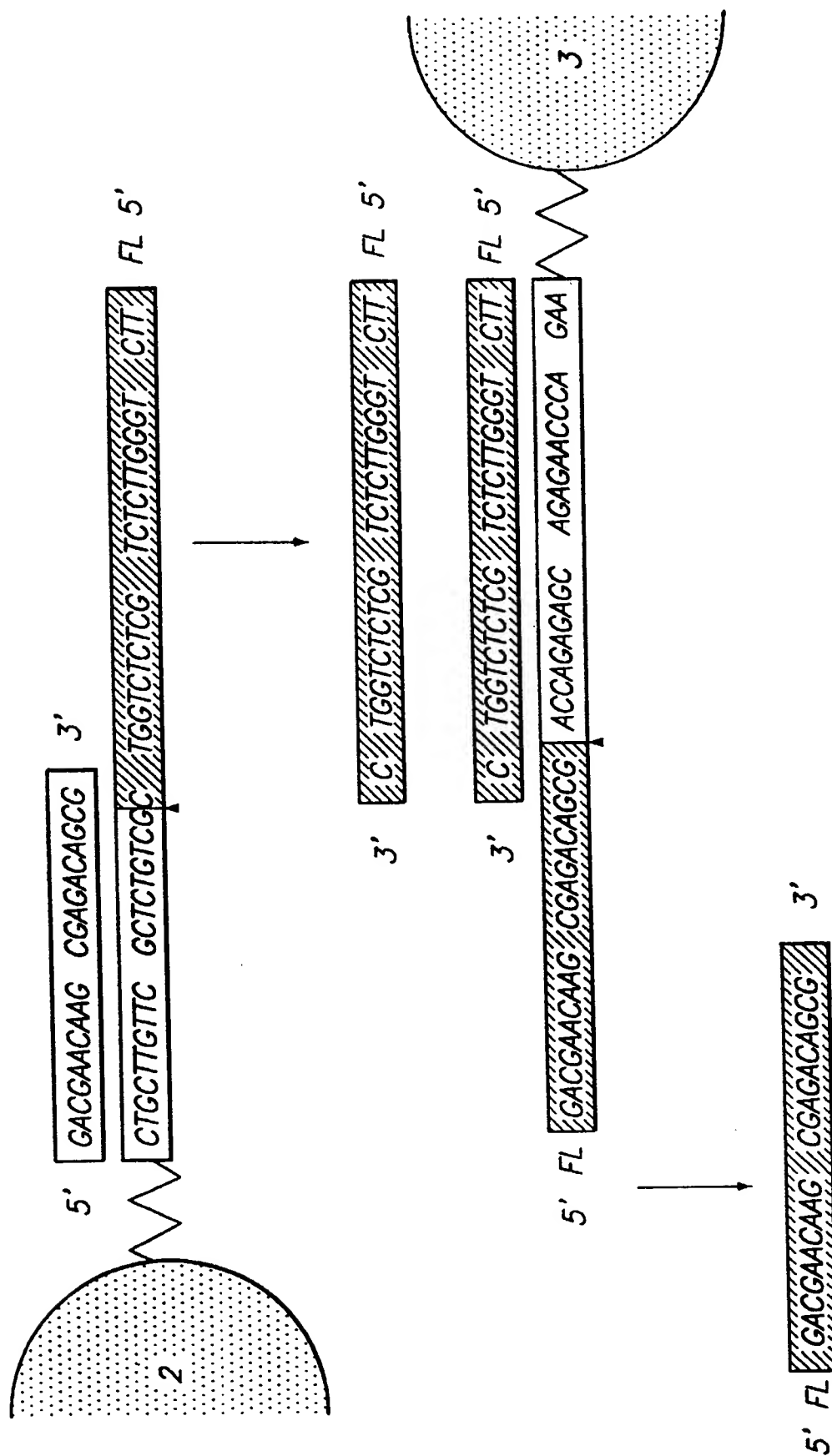


FIG. 23